

ABSTRACT

Various embodiments of the present invention relate to compositions for
5 delivering bone growth inducing material (e.g., to viable bone and/or other skeletal
tissues to repair defects and the like). More particularly, various embodiments of the
present invention relate to delivery mechanisms for an osteotherapeutic material (e.g.,
osteoinductive and/or osteoconductive materials), including (but not limited to)
demineralized bone matrix (“DBM”) and cortical-cancellous bone chips (“CCC”).
10 Certain compositions according to various embodiments of the present invention may
comprise mixtures of a physiologically acceptable biodegradable carrier, an
osteoinductive material, and/or an osteoconductive material (e.g., DBM and CCC). The
compositions may thus be applied (for example, to defective bone tissue and/or other
viable tissue) to induce formation of new bone. Other embodiments of the present
15 invention relate to the preparation of compositions and methods of using such
compositions.